

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 May 10 PROUSDDR now available on STN
NEWS 4 May 19 PROUSDDR: One FREE connect hour, per account, in both May and June 2004
NEWS 5 May 12 EXTEND option available in structure searching
NEWS 6 May 12 Polymer links for the POLYLINK command completed in REGISTRY
NEWS 7 May 17 FRFULL now available on STN
NEWS 8 May 27 New UPM (Update Code Maximum) field for more efficient patent SDIs in CPlus
NEWS 9 May 27 CPlus super roles and document types searchable in REGISTRY
NEWS 10 May 27 Explore APOLLIT with free connect time in June 2004
NEWS 11 Jun 22 STN Patent Forums to be held July 19-22, 2004
NEWS 12 Jun 28 Additional enzyme-catalyzed reactions added to CASREACT
NEWS 13 Jun 28 ANTE, AQUALINE, BIOENG, CIVILENG, ENVIROENG, MECHENG, and WATER from CSA now available on STN(R)

NEWS EXPRESS MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 14:31:42 ON 30 JUN 2004

FILE 'REGISTRY' ENTERED AT 14:31:50 ON 30 JUN 2004
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 29 JUN 2004 HIGHEST RN 701199-61-3
DICTIONARY FILE UPDATES: 29 JUN 2004 HIGHEST RN 701199-61-3

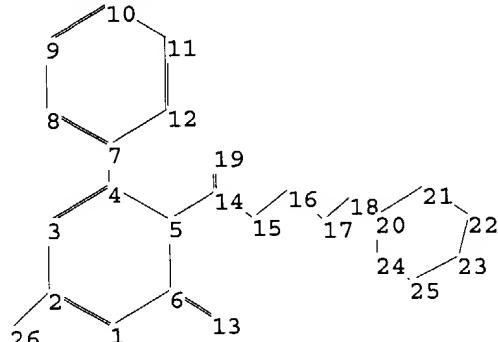
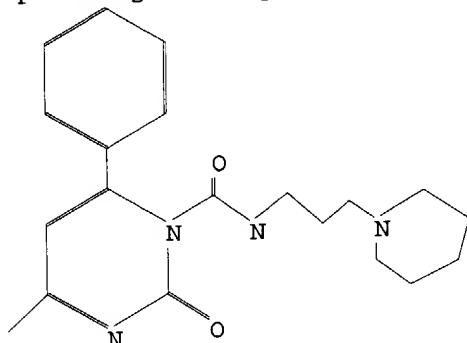
TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>
 Uploading C:\Program Files\Stnexp\Queries\09899732.str



chain nodes :
 13 14 15 16 17 18 19 26
 ring nodes :
 1 2 3 4 5 6 7 8 9 10 11 12 20 21 22 23 24 25
 chain bonds :
 2-26 4-7 5-14 6-13 14-15 14-19 15-16 16-17 17-18 18-20
 ring bonds :
 1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 20-21 20-24
 21-22
 22-23 23-25 24-25
 exact/norm bonds :
 1-2 1-6 2-3 3-4 4-5 5-6 5-14 6-13 14-15 14-19 15-16 18-20 20-21 20-24
 21-22 22-23 23-25 24-25
 exact bonds :
 2-26 4-7 16-17 17-18
 normalized bonds :
 7-8 7-12 8-9 9-10 10-11 11-12

Match level :
 1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
 11:Atom 12:Atom 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
 19:CLASS 20:Atom 21:Atom
 22:Atom 23:Atom 24:Atom 25:Atom 26:CLASS

L1 STRUCTURE UPLOADED

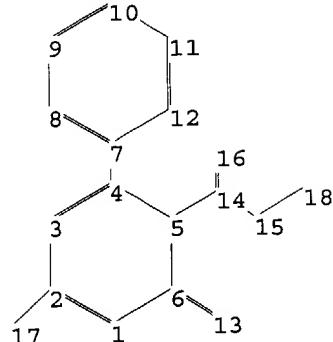
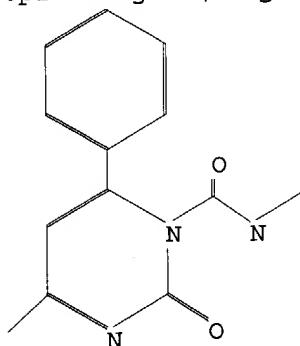
=> s l1 sam
 SAMPLE SEARCH INITIATED 14:32:18 FILE 'REGISTRY'
 SAMPLE SCREEN SEARCH COMPLETED - 26 TO ITERATE

100.0% PROCESSED 26 ITERATIONS 0 ANSWERS
 SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
 PROJECTED ITERATIONS: 215 TO 825
 PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=>
Uploading C:\Program Files\Stnexp\Queries\09899732b.str



chain nodes :
13 14 15 16 17 18
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12
chain bonds :
2-17 4-7 5-14 6-13 14-15 14-16 15-18
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12
exact/norm bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-14 6-13 14-15 14-16 15-18
exact bonds :
2-17 4-7
normalized bonds :
7-8 7-12 8-9 9-10 10-11 11-12

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS

L3 STRUCTURE UPLOADED

=> s l3 sam
SAMPLE SEARCH INITIATED 14:35:00 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 53 TO ITERATE

100.0% PROCESSED 53 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 624 TO 1496
PROJECTED ANSWERS: 0 TO 0

L4 0 SEA SSS SAM L3

=> s l4 full
FULL SEARCH INITIATED 14:35:29 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 1032 TO ITERATE

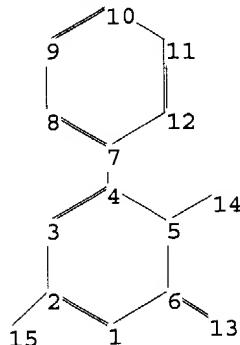
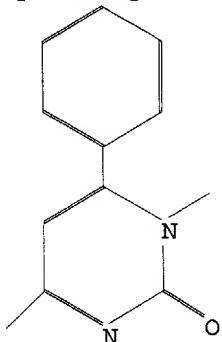
100.0% PROCESSED 1032 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

L5 0 SEA SSS FUL L3

=>

=>

Uploading C:\Program Files\Stnexp\Queries\09899732c.str



chain nodes :

13 14 15

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12

chain bonds :

2-15 4-7 5-14 6-13

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12

exact/norm bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-14 6-13

exact bonds :

2-15 4-7

normalized bonds :

7-8 7-12 8-9 9-10 10-11 11-12

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:CLASS 14:CLASS 15:CLASS

L6 STRUCTURE UPLOADED

=> S 16 sam

SAMPLE SEARCH INITIATED 14:51:54 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 199 TO ITERATE

100.0% PROCESSED 199 ITERATIONS
SEARCH TIME: 00.00.01

1 ANSWERS

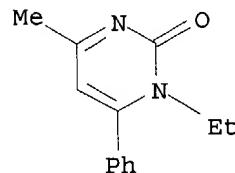
FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 3134 TO 4826
PROJECTED ANSWERS: 1 TO 80

L7 1 SEA SSS SAM L6

=> d

L7 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN
RN 83655-32-7 REGISTRY
CN 2(1H)-Pyrimidinone, 1-ethyl-4-methyl-6-phenyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD

MF C13 H14 N2 O
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)
DT.CA CAplus document type: Journal
RL.NP Roles from non-patents: PREP (Preparation)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s 16 full
FULL SEARCH INITIATED 14:52:22 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 3927 TO ITERATE

100.0% PROCESSED 3927 ITERATIONS
SEARCH TIME: 00.00.01

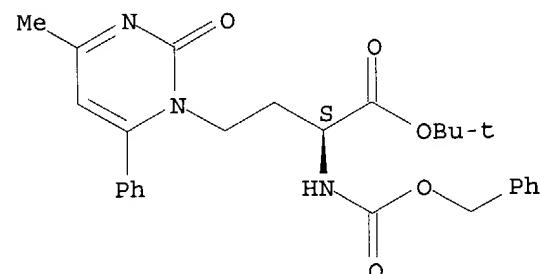
5 ANSWERS

L8 5 SEA SSS FUL L6

=> d 1-5

L8 ANSWER 1 OF 5 REGISTRY COPYRIGHT 2004 ACS on STN
RN 161234-86-2 REGISTRY
CN 1 (2H)-Pyrimidinebutanoic acid, 4-methyl-2-oxo-6-phenyl-alpha-
[(phenylmethoxy)carbonyl]amino]-, 1,1-dimethylethyl ester, (S)- (9CI)
(CA INDEX NAME)
FS STEREOSEARCH
MF C27 H31 N3 O5
SR CA
LC STN Files: CA, CAPLUS, CASREACT
DT.CA CAplus document type: Journal
RL.NP Roles from non-patents: PREP (Preparation)

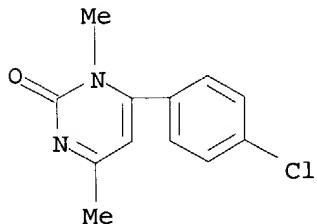
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

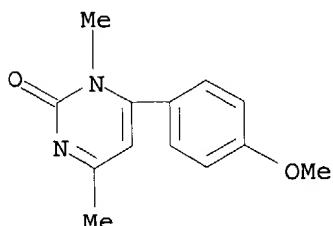
L8 ANSWER 2 OF 5 REGISTRY COPYRIGHT 2004 ACS on STN
RN 83655-34-9 REGISTRY
CN 2 (1H)-Pyrimidinone, 6-(4-chlorophenyl)-1,4-dimethyl- (9CI) (CA INDEX
NAME)
FS 3D CONCORD
MF C12 H11 Cl N2 O
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)
DT.CA CAplus document type: Journal
RL.NP Roles from non-patents: PREP (Preparation)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 3 OF 5 REGISTRY COPYRIGHT 2004 ACS on STN
RN 83655-33-8 REGISTRY
CN 2 (1H)-Pyrimidinone, 6-(4-methoxyphenyl)-1,4-dimethyl- (9CI) (CA INDEX
NAME)
FS 3D CONCORD
MF C13 H14 N2 O2
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)
DT.CA CAplus document type: Journal
RL.NP Roles from non-patents: PREP (Preparation)

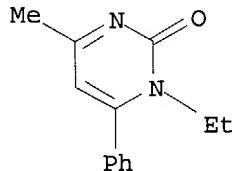


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 4 OF 5 REGISTRY COPYRIGHT 2004 ACS on STN
RN 83655-32-7 REGISTRY
CN 2 (1H)-Pyrimidinone, 1-ethyl-4-methyl-6-phenyl- (9CI) (CA INDEX NAME)

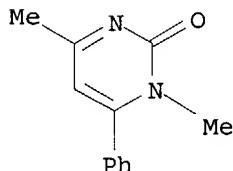
FS 3D CONCORD
 MF C13 H14 N2 O
 LC STN Files: BEILSTEIN*, CA, CAPLUS
 (*File contains numerically searchable property data)
 DT.CA CAplus document type: Journal
 RL.NP Roles from non-patents: PREP (Preparation)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 5 OF 5 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 61404-62-4 REGISTRY
 CN 2(1H)-Pyrimidinone, 1,4-dimethyl-6-phenyl- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C12 H12 N2 O
 LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT
 (*File contains numerically searchable property data)
 DT.CA CAplus document type: Conference; Journal
 RL.NP Roles from non-patents: PREP (Preparation); PRP (Properties); RACT
 (Reactant or reagent)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

6 REFERENCES IN FILE CA (1907 TO DATE)
 6 REFERENCES IN FILE CAPLUS (1907 TO DATE)

| => file caplus medline biosis | SINCE FILE | TOTAL |
|-------------------------------|------------|---------|
| COST IN U.S. DOLLARS | ENTRY | SESSION |
| FULL ESTIMATED COST | 335.74 | 335.95 |

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FILE 'MEDLINE' ENTERED AT 14:53:38 ON 30 JUN 2004

FILE 'BIOSIS' ENTERED AT 14:53:38 ON 30 JUN 2004

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=> s 18
L9 7 L8

=> s MCH1
L10 88 MCH1

=> s depression
L11 340497 DEPRESSION

=> s l11 and l10
L12 15 L11 AND L10

=> duplicate remove l12
DUPLICATE PREFERENCE IS 'CAPLUS, MEDLINE, BIOSIS'
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/ (N) :n
PROCESSING COMPLETED FOR L12
L13 11 DUPLICATE REMOVE L12 (4 DUPLICATES REMOVED)

```
=> d hist

(FILE 'HOME' ENTERED AT 14:31:42 ON 30 JUN 2004)

FILE 'REGISTRY' ENTERED AT 14:31:50 ON 30 JUN 2004
L1      STRUCTURE uploaded
L2      0 S L1 SAM
L3      STRUCTURE uploaded
L4      0 S L3 SAM
L5      0 S L4 FULL
L6      STRUCTURE uploaded
L7      1 S L6 SAM
L8      5 S L6 FULL

FILE 'CAPLUS, MEDLINE, BIOSIS' ENTERED AT 14:53:38 ON 30 JUN 2004
L9      7 S L8
L10     88 S MCH1
L11     340497 S DEPRESSION
L12     15 S L11 AND L10
L13     11 DUPLICATE REMOVE L12 (4 DUPLICATES REMOVED)
L14     7168 S MCH OR MELANIN (W) CONCENTRATING (W) HORMONE
L15     110 S L14 AND L11
L16     84 DUPLICATE REMOVE L15 (26 DUPLICATES REMOVED)
L17     31 S L16 AND PY<=2001

=> s l16 not l17
L18     53 L16 NOT L17

=> s l18 and py<=2002
L19     15 L18 AND PY<=2002

=> s melanin (w) concentrating (w) hormone
L20     1867 MELANIN (W) CONCENTRATING (W) HORMONE

=> s l20 and l11
L21     71 L20 AND L11

=> s l21 and l18
L22     0 L21 AND L8

=> s l21 and l18
L23     50 L21 AND L18

=> s l23 and l19
L24     12 L23 AND L19

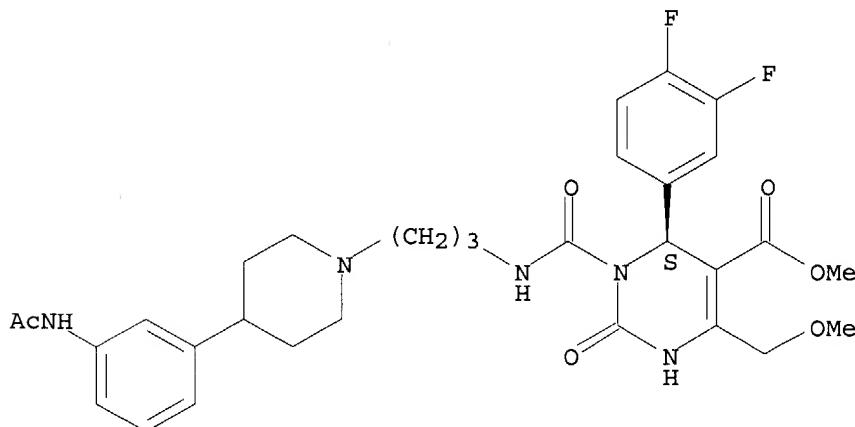
=> d ibib abs 1-12
```

```
=> s snap 7941
    184 SNAP
    118 7941
L25      1 SNAP 7941
          (SNAP (W) 7941)
```

```
=> d
```

```
L25  ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2004 ACS on STN
RN  497107-87-6  REGISTRY
CN  5-Pyrimidinecarboxylic acid, 1-[[3-[4-[3-(acetylamino)phenyl]-1-
piperidinyl]propyl]amino]carbonyl]-6-(3,4-difluorophenyl)-1,2,3,6-
tetrahydro-4-(methoxymethyl)-2-oxo-, methyl ester, monohydrochloride,
(6S)- (9CI)  (CA INDEX NAME)
OTHER NAMES:
CN  SNAP 7941
FS  STEREOSEARCH
MF  C31 H37 F2 N5 O6 . Cl H
SR  CA
LC  STN Files: BIOSIS, CA, CAPLUS
DT.CA  CAplus document type: Journal
RL.NP  Roles from non-patents: BIOL (Biological study); USES (Uses)
CRN  (387825-78-7)
```

Absolute stereochemistry. Rotation (+).



● HCl

3 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)